

### **AMENDMENTS TO THE SPECIFICATION**

In the Abstract, please add the following new paragraph:

A method for transmitting digital messages used during testing of microprocessors. Each message includes at least one data packet. To transmit a message, each data packet is divided into successive segments of predetermined size, each segment being classified in accordance with one or the other among five types depending on whether it contains a start of message (SM), intermediate data (NT), an end of packet (EP), and end of message (EM); or it is an empty segment (ID). As each segment is sent, an identification signal characterizing the succession of the segment concerned and of the preceding segment is sent. To reduce the number of transmitted segments, a segment containing both the start and the end of a message is classified as being a segment containing an end of message, and a segment containing both the start of a message and the end of a first packet of the message being classified as a segment containing an end of packet.